

Acknowledgments and Copyright Information

Livestock Production Management (8012)

Copyright © 2017

The components of this instructional framework were developed by

Ms. Elizabeth Borst, Sherando High School, Frederick County Public Schools
Ms. Brittany Council, Richmond City 4-H Agriculture Extension, Virginia Cooperative Extension, Richmond
Ms. Crystal Duvall, James Wood High School, Frederick County Public Schools
Mr. Keonte' Edmonds, Animal Science Teacher, VET Tech., Creedmoor, NC
Ms. Shirley Gordon-Kaufman, Buffalo Gap High School, Augusta County Public Schools
Ms. Eve Hemby, Project Director, Lydia's House in Southeast, Edward, NC
Mr. Russell Holland, Magna Vista High School, Henry County Public Schools
Mr. Jonathan Jones, Community Program Specialist, U.S. Department of Agriculture, Henderson, NC
Ms. Jeannie Layton-Dudding, Agriculture and Natural Resources (ANR) Extension Agent, Virginia Cooperative Extension, Pearisburg
Mr. Stacey Pennix, Area Technician, U.S. Department of Agriculture, Henderson, NC
Ms. Katie Reames, Director of Feed and Technical Services, Culpeper Farm and Home Center, Ruther Glen
Ms. Shasta Sowers, Floyd County High School, Floyd County Public Schools
Ms. Amber Stephens, Page County High School, Page County Public Schools
Dr. Carmen Franck Vaughan, DVM, Veterinarian, Carmen Franck Vaughan, DVM PLLC, Amelia Court House
Dr. Amanda Weakly-Scott, Associate Veterinarian, Virginia Herd Health Management Services, Madison

Correlations to the Virginia Standards of Learning were reviewed and updated by the following:

Norma J. Bonney, Kempsville High School, Virginia Beach City Public Schools
Anne F. Markwith, New Teacher Mentor, Gloucester County Public Schools
Cathy Nichols-Cocke, PhD, Fairfax High School, Fairfax County Public Schools
Caroline C. Wheeler, M.T., Secondary English, Richmond

The framework was edited and produced by the CTE Resource Center:

Nathan K. Pope, Writer/Editor
Kevin P. Reilly, Administrative Coordinator

LaVeta Nutter, Specialist, Agricultural Education and Related Clusters
Office of Career, Technical, and Adult Education
Virginia Department of Education

Dr. Tricia S. Jacobs, CTE Coordinator of Curriculum and Instruction
Office of Career, Technical, and Adult Education
Virginia Department of Education

Virginia Department of Education
P.O. Box 2120
Richmond, VA 23218-2120

CTE Resource Center
2002 Bremo Road, Lower Level
Richmond, VA 23226
Phone: (804)673-3778
Fax: (804)673-3798
<http://www.CTEresource.org>

The Center is a grant project of the Virginia Department of Education, Office of Career, Technical, and Adult Education, and is administered by Henrico County Public Schools, Department of Career and Technical Education.

The Virginia Department of Education does not discriminate on the basis of race, sex, color, national origin, religion, sexual orientation, gender identity, age, political affiliation, or against otherwise qualified persons with disabilities. The policy permits appropriate employment preferences for veterans and specifically prohibits discrimination against veterans. The following position has been designated to handle inquiries regarding the Department's non-discrimination policies:

Deputy Superintendent - Finance and Operations
Virginia Department of Education
P.O. Box 2120
Richmond, Virginia 23218-2120
Phone: 804-225-2025

For further information on federal non-discrimination regulations, contact the Office for Civil Rights at OCR.DC@ed.gov or call 1-800-421-3481.

See also [Governor Ralph Northam's Executive Order 1 \(EO-1, 2018\)](#) which specifically prohibits discrimination on the basis of race, sex, color, national origin, religion, sexual orientation, gender identity or expression, age, political affiliation, or against otherwise qualified persons with disabilities. The policy permits appropriate employment preferences for veterans and specifically prohibits discrimination against veterans. The activity that is the subject of this report was supported in whole or in part by the U.S. Department of Education. However, the opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Education, and no official endorsement by the U.S. Department of Education should be inferred.